

AMENDMENTS TO THE ABSTRACT:

Please amend the Abstract as follows:

~~Methods and systems for analysing data~~ Data from a monitoring system is analyzed for monitoring characteristics of a dynamic system; ~~said monitoring system providing characteristic~~ Characteristic data in respect of a dynamic system is monitored and provided with at least one known normal state; ~~the analysis system comprising: means (100) for receiving characteristic~~ characteristic data is received from the a monitoring system; ~~means (101) for receiving and~~ confirmation information from an operator when the dynamic system is in a known normal state; ~~normality modelling means (105) for deriving a~~ A normality model is derived including comprising data indicative of known normal states in response to received characteristic data and confirmation information; ~~prediction generating means (105) for predicting future~~ Future characteristic data is predicted from the normality model; ~~difference function providing means (105) for providing a difference function~~ is provided indicating an acceptable difference between predicted and received characteristic data; ~~and comparison means (105) for comparing predicted~~ Predicted characteristic data is compared with received characteristic data in conjunction with the difference function and ~~producing an abnormality signal~~ is produced if the difference exceeds the difference function.